



IFWO

RAW SEQUENCE LISTING

DATE: 07/22/2004

PATENT APPLICATION: US/10/654,898A

TIME: 09:36:14

Input Set : N:\LMOORE\pto.lm 10654898.txt

Output Set: N:\CRF4\07222004\J654898A.raw

2 <110> APPLICANT: Natalia Viktorovna STOYNOVA

3 Elena Viktorovna SYCHEVA

4 Aleksandra Yurievna SKOROKHODOVA

5 Yuri Ivanovich KOZLOV

7 <120> TITLE OF INVENTION: Method for producing L-amino acid using bacterium, belonging to the genus

8 Escherichia, lacking active mlc gene

W--> 10 <130> FILE REFERENCE:

C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/654,898A

C--> 12 <141> CURRENT FILING DATE: 2003-09-05

12 <150> PRIOR APPLICATION NUMBER: RU 2002123822

13 <151> PRIOR FILING DATE: 2002-09-06

15 <160> NUMBER OF SEQ ID NOS: 7

17 <170> SOFTWARE: PatentIn version 3.1

19 <210> SEQ ID NO: 1

20 <211> LENGTH: 64

21 <212> TYPE: DNA

22 <213> ORGANISM: Artificial

24 <220> FEATURE:

25 <223> OTHER INFORMATION: Description of Artificial Sequence: primer

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34 <211> LENGTH: 63

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36 <213> ORGANISM: Artificial

38 <220> FEATURE:

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48 <211> LENGTH: 935

49 <212> TYPE: DNA

50 <213> ORGANISM: Escherichia coli

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57 cgaaaaatgag acgttgatcg gcacgtaaga ggttccaact ttcaccataa tgaaataaga 180

59 tcaactaccgg gcgtattttt tgagttatcg agattttcag gagctaagga agctaaaatg 240

61 gacgaaaaaa tcaactggata taccaccggt gatatatccc aatggcatcg taaagaacat 300

63 tttgaggcat ttcagtcagt tgctcaatgt acctataacc agaccgttca gctggatatt 360

65 acggcctttt taaagaccgt aaagaaaaat aagcacaagt tttatccggc ctttattcac 420



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69 ctggtgatat gggatagtgt tcacccttgt tacaccgttt tccatgagca aactgaaacg 540
71 ttttcatcgc tctggagtga ataccacgac gatttccggc agtttctaca catatattcg 600
73 caagatgtgg cgtgttacgg tgaaaacctg gcctatttcc cttaaagggtt tattgagaat 660
75 atgtttttcg tctcagccaa tccctgggtg agtttcacca gttttgattt aaacgtggcc 720
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122 cgaatcaaca aagaaccgtt atacatcgcg tcttttacca gtgcagcgcc tgccatcgtg 240
124 ccctgggttag aaaactgagt actctcaacg ctgatgtgct gactatacgc aggaagggcc 300
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162 accaccgcac actccctata ttttcgcgct ccgaaataat ctgtaggcta tggatgaagca 1440
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177 ccaaattgag atagcgcaaa ttttggtaga acagttaaaa aatgttaacc ctgcaacaga 180
179 cgaatcaaca aagaaccgtt atacatcgcg tctataacctg tgacggaaga tcacttcgca 240
181 gaataaataa atcctggtgt ccctgttgat accgggaagc cctgggcca cttttggcga 300
183 aaatgagacg ttgatcggca cgtaagaggt tccaacttcc accataatga aataagatca 360
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209 ccaccgcata ctccctatat tttcgcgctc cgaaataatc tgtaggctat ggtgaagcac 1140
211 ttcaatacgt gtcgtcaaat ttttacttag gcatgtgatt aacagcacat t 1191

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RAW SEQUENCE LISTING ERROR SUMMARY
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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 7

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,4,5

VERIFICATION SUMMARY

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L:10 M:201 W: Mandatory field data missing, <130> FILE REFERENCE

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date